



# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	00939H-088100US
First Inventor	DO, Chang-Ho
Title	POWER-UP CIRCUIT IN SEMICONDUCTOR MEMORY DEVICE
Express Mail Label No.	EV 332107046 US

<b>APPLICATION ELEMENTS</b>		<b>ADDRESS TO</b>
See MPEP chapter 600 concerning utility patent application contents.		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. <i>See 37 CFR 1.27.</i>		8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages 28]</span> <i>(preferred arrangement set forth below)</i> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings ( <i>if filed</i> ) - Detailed Description - Claim(s) - Abstract of the Disclosure		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper number of pages c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets 4]</span>		9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
5. Oath or Declaration <span style="float: right;">[Total Pages ]</span> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> <i>Signed statement attached deleting inventor(s)          named in the prior application, see 37 CFR          1.63(d)(2) and 1.33(b).</i>		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> Attorney
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		11. <input type="checkbox"/> English Translation Document ( <i>if applicable</i> )
<b>ACCOMPANYING APPLICATION PARTS</b>		
12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
13. <input type="checkbox"/> Preliminary Amendment		
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>		
15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>		
16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent		
17. <input type="checkbox"/> Other: _____		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_

Prior application information:    Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number		20350		OR	<input type="checkbox"/> Correspondence address below
Name					
Address					
City			State		
Country			Telephone		
Name (Print/Type)	Babak S. Sani		Registration No. (Attorney/Agent)	37,495	
Signature			Date	March 2, 2004	

22151 U.S. PTO  
10/792064



# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 842

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	DO, Chang-Ho
Examiner Name	
Art Unit	
Attorney Docket No.	00939H-088100US

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account:

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$770)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from below	Fee Paid
Total Claims	24	-20** = 4 X\$18 =	\$72
Independent Claims	2	-3** = 0 X\$86 =	\$0
Multiple Dependent		X =	

### Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$72)

\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month
1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive – unavoidable
1453	1,330	2453	665	Petition to revive – unintentional
1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Petitions related to provisional applications
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify) _____				

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

## Complete (if applicable)

Name (Print/Type)	Babak S. Sani	Registration No. (Attorney/Agent)	37,495	Telephone	415-576-0200
Signature				Date	March 2, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.